

Balance Paranthesis 1

Implement a program which prints 1 if the parenthesis in the given infix expression are balanced else 0.

Input Format

Refer sample input

Constraints

Input should not be empty.

Output Format

Refer sample output

Sample Input 0

```
9+ (7-3*2)
```

Sample Output 0

```
1
```

Sample Input 1

```
(( ))
```

Sample Output 1

```
0
```